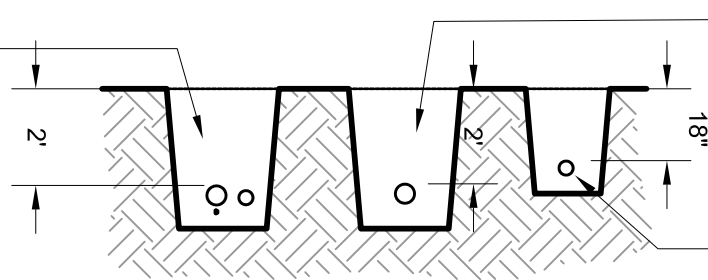


MAINLINE, LATERAL &
WIRING INTO COMMON
TRENCH



MAINLINE PIPE &
QUICK COUPLING
LINE

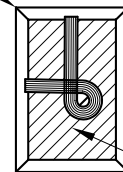
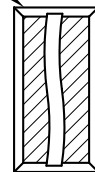
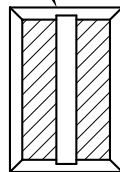
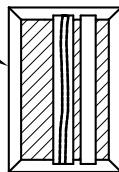
LATERAL PIPE

SECTION VIEW

LATERAL PIPE

MAINLINE PIPE

MAINLINE,
LATERAL &
WIRING INTO
TRENCH



CONTROLLER
WIRE (NO
CONDUIT)

RUN WIRING
BENEATH
MAINLINE.
TAPE &
BUNDLE AT
10 FOOT
INTERVALS


ALL SOLVENT
WELD PLASTIC
PIPING TO BE
SNAKED IN
TRENCH AS
SHOWN

TIE A 24 INCH LOOP IN ALL WIRING AT
CHANGES OF DIRECTION OF 30 INCHES
OR GREATER. UNTIE AFTER ALL
CONNECTIONS HAVE BEEN MADE.

PLAN VIEW

NOTES:

1. SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH CLASS 315 PVC TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN; BURIAL DEPTH FOR SLEEVES BELOW FINISHED GRADE ARE AS FOLLOWS:
42 INCH MINIMUM UNDER THOROUGHFARE
24 INCH MINIMUM UNDER PLANTER AREA
24 INCH MINIMUM UNDER PARKING LOT
18 INCH MINIMUM UNDER SIDEWALK
36 INCH MINIMUM UNDER TRAFFIC CIRCLES (RESIDENTIAL AREAS)
2. ALL SLEEVE BELOW HARDSCAPE SHALL EXTEND 24 INCHES BEYOND HARD SURFACES EDGES.
3. FOR PIPE AND WIRE BURIAL DEPTHS, SEE SPECIFICATIONS.
4. SCH 40 PVC FOR MAINLINE 2 INCHES OR SMALLER.
5. CLASS 315 PVC FOR MAINLINE 2½ INCHES AND LARGER.
6. CLASS 200 PVC FOR 2 INCH LATERAL LINES AND SMALLER.
7. SCH 40 PVC FOR QUICK COUPLING LINE 1 INCH MIN. TO 2 INCH MAXIMUM
8. TRENCH BACKFILL SHALL BE NATIVE MATERIAL, COMPACT TO 90% MINIMUM, RELATIVE COMPACTION.
9. REFER TO CITY STANDARD DETAIL LSD-14 FOR ALL MATERIALS

| | | | | | | | |
|------------------------|-----------------------|-------------------|--|-------------------|-------------------|--|--|
| | | | <p align="center">CITY OF FREMONT STANDARD DETAILS CITY STANDARD IRRIGATION TRENCH</p> | | | DATE APPROVED BY CITY COUNCIL 04/11/06 | |
| | | | | | | RESOLUTION NO. 2006-31 | |
| | | | | | |  CITY ENGINEER | |
| | | | | | | | |
| NO. | REVISED | DATE | | | | | |
| REVISIONS | | | | | | | |
| FILE NO. LSD-18.DWG | SCALE 1/4" = 1'-0" | DRAWN AK/MM/PM | CHECKED RER | DATE NOV. 2005 | DWG NO. LSD-18 | 18 of 27 | |